

2135 S. Loop 250 W.
Midland, Texas 79703
United States
ghd.com

Our ref.: 12688213-NMOCD-1

February 17, 2026

New Mexico Oil Conservation Division
506 W. Texas Avenue
Artesia, New Mexico 88210

Closure Report
COG Operating, LLC
Potato Baby State Com 901H
Unit Letter H, Section 35, T26S, R28E
GPS: 32.00128, -104.06229
Eddy County, New Mexico

1. Introduction

GHD Services Inc. (GHD), on behalf of COG Operating, LLC (COG), has prepared this *Closure Report* to document Site assessment activities at Potato Baby State Com 901H (Site). The purpose of the assessment was to determine the presence or absence of impacts to soil following a release of produced water within a lined containment at the Site. Based on field observations, COG is submitting this *Closure Report*, describing Site assessment activities that have occurred and requesting closure for Incident Number nAPP2534556378.

2. Site Description and Release Summary

The Site is in Unit H, Section 35, Township 26 South, Range 28 East, in Eddy County, New Mexico (32.00128° N, 104.06229° W) and is associated with oil and gas exploration and production operations on New Mexico State Lands. On November 17, 2025, approximately 107 barrels (bbls) of produced water were released into the lined secondary containment due to equipment failure. A vacuum truck was dispatched to the Site to recover free-standing fluids; 106 bbls of released produced water were recovered from within the lined containment, with 1 bbl lost to residual coating of the surrounding equipment. The release was reported to the New Mexico Oil Conservation Division (NMOCD) on December 11, 2025, and was subsequently assigned Incident Number nAPP2534556378.

3. Site Characterization and Closure Criteria

The Site was characterized to assess applicability of Table I, Closure Criteria for Soils Impacted by a Release, of Title 19, Chapter 15, Part 29 (NMAC 19.15.29) of the New Mexico Administrative Code (NMAC). Results from the characterization desktop review are summarized below and a Site Map is presented on **Figure 1**.

According to the soil survey provided by the United States Department of Agriculture National Resources Conservation Services, the soils located within the Site consists of Reeves-Reagan loams, 0 to 3 percent slopes, well-drained. The Site is within a high potential karst area.

Depth to groundwater at the Site is greater than 100 feet below ground surface (ft bgs) based on the nearest groundwater well data. Groundwater was determined utilizing the New Mexico Office of the State Engineers (NMOSE) database for registered water wells. The nearest permitted groundwater well with depth to groundwater data is NMOSE C-4022 POD 2 located approximately 1.31 miles north of the Site. The well was completed to a depth of 250 ft bgs on May 12, 2017, and had a static water level of 145 ft bgs after completion. A copy of the referenced well record is included in **Attachment A**.

The Site is not within 300 feet of a significant watercourse, the nearest is a river is approximately 1.55 miles to the north. The Site is greater than 200 feet from a lakebed, sinkhole, or playa lake, with the nearest sinkhole approximately 3.4 miles to the northeast. The Site is greater than 300 feet from an occupied residence, school, hospital, institution, or church; with the nearest being greater than 5 miles of the Site. The nearest fresh water well for livestock watering purposes is located approximately 3.27 miles north of the Site. There are no wetlands within 300 feet of the Site, the nearest is a freshwater emergent wetland is approximately 1.55 miles to the northeast. The Site is not within a 100-year floodplain or overlying a subsurface mine, the nearest floodplain is approximately 1.31 miles to the west. The location of the Site is depicted on **Figure 1**. A detailed map of the Site is provided on **Figure 2**. The Site Characterization Documentation is included in **Attachment B**.

Based on the results of the Site Characterization desktop review and having the Site within a high karst area, the following NMOCD Table I Closure Criteria (Closure Criteria) apply.

Table 3.1 Closure Criteria for Soils Impacted by a Release (NMAC 19.15.29.12)

Regulatory Standard	Benzene (mg/kg)	BTEX (mg/kg)	TPH (GRO+DRO) (mg/kg)	TPH (GRO+DRO+MRO) (mg/kg)	Chloride (mg/kg)
19.15.29.12 NMAC Table I Closure Criteria for Soils Impacted by a Release.	10	50	---	100	600
Notes: --- = not defined. mg/kg = milligrams per kilogram. TPH = total petroleum hydrocarbons. GRO+DRO+MRO = Gasoline Range Organics + Diesel Range Organics + Motor Oil/Lube Range Organics. BTEX = benzene, toluene, ethylbenzene, and xylene.					

4. Site Assessment Activities

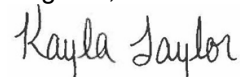
The liner inspection notice was provided on January 15, 2026. A liner integrity inspection was performed on January 19, 2026. The liner was visually inspected and no rips, tears, holes, or damage in the liner was observed. The liner was determined to be intact with no integrity issues. Photographic documentation of the liner inspection is presented in Attachment C.

5. Closure Request

Based on the liner inspection and assessment activities at the Site, COG Operating, LLC respectfully requests that no further actions be required, and requests closure of Incident Number nAPP2534556378 be granted.

Should you have any questions or require further information regarding this report, please do not hesitate to contact the undersigned.

Regards,



Kayla Taylor
Senior Project Manager

+1 432 210-5443
kayla.taylor@ghd.com

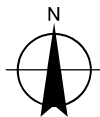
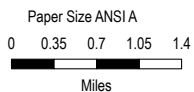
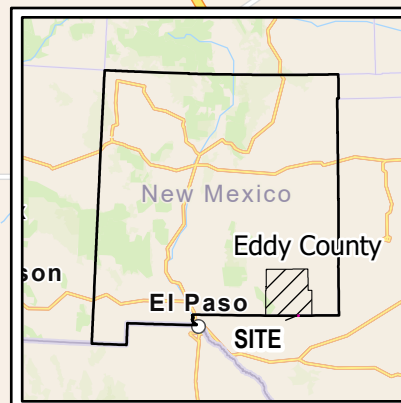
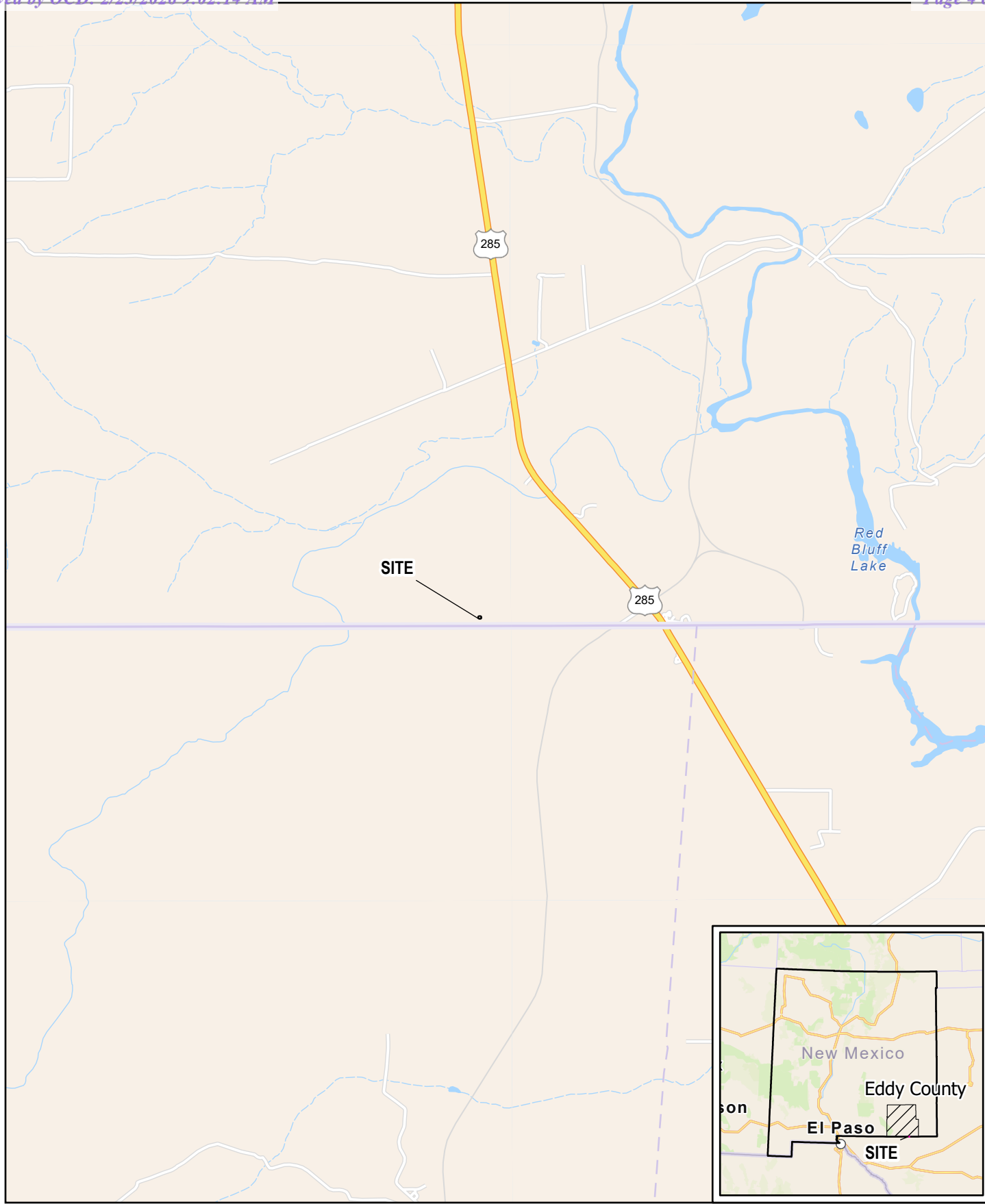
KT/jlf/1/S4



Scott Foord
Project Director

+1 281 725-7477
scott.foord@ghd.com

Encl.: Figure 1 - Site Location Map
 Figure 2 - Site Details Map
 Attachment A - Referenced Well Records
 Attachment B - Site Characterization Documentation
 Attachment C - Photographic Documentation



COG OPERATING LLC
 EDDY COUNTY, NEW MEXICO
 POTATO BABY STATE COM 901H
 INCIDENT NO. NAPP2534556378

Project No. 12688213
 Revision No. -
 Date Feb 9, 2026

Map Projection: Transverse Mercator
 Horizontal Datum: NAD 1983 2011
 Grid: NAD 1983 2011 StatePlane New Mexico East FIPS 3001 Ft US

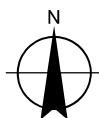
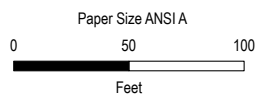
SITE LOCATION MAP

FIGURE 1

Q:\GIS\PROJECTS\12688000s\12688213\GIS\Maps\Deliverables\12688213_nAPP253073478\12688213_nAPP2530734787.aprx
 Print date: 09 Feb 2026 - 11:30

Data source: MNRF NRVIS, 2018. Produced by GHD under licence from Ontario Ministry of Natural Resources and Forestry, © King's Printer 2026.

Legend
 Containment Area



COG OPERATING LLC
EDDY COUNTY, NEW MEXICO
POTATO BABY STATE COM 901H
INCIDENT NO. NAPP2534556378

Project No. 12688213
 Revision No. -
 Date Feb 9, 2026

Map Projection: Transverse Mercator
 Horizontal Datum: NAD 1983 2011
 Grid: NAD 1983 2011 StatePlane New Mexico East FIPS 3001 Ft US

SITE DETAILS MAP

FIGURE 2

Attachment A

Referenced Well Records



New Mexico Office of the State Engineer

Water Column/Average Depth to Water

(A CLW##### in the POD suffix indicates the POD has been replaced & no longer serves a water right file.)

(R=POD has been replaced, O=orphaned, C=the file is closed)

(quarters are smallest to largest)

POD Number	Code	Sub basin	County	Q64	Q16	Q4	Sec	Tws	Range	X	Y	Map	Distance (meters)	Well Depth (In feet)	Depth Water (In feet)	Water Column (In feet)
C 04022 POD2		CUB	ED	NE	NE	NE	27	26S	28E	588106.4	3543082.2		2103	250	145	105
C 02160 S7		CUB	ED	SW	SW	NW	22	26S	28E	586638.0	3543998.0 *		3281	300	120	180
C 04466 POD1		CUB	ED	SW	SW	NE	29	26S	28E	584327.2	3542357.4		3863	96	33	63

Average Depth to Water: **99 feet**

Minimum Depth: **33 feet**

Maximum Depth: **145 feet**

Record Count: 3

Basin/County Search:

Basin: C

County: ED

UTM Filters (in meters):

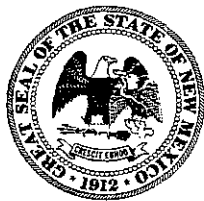
Easting: 587939.11

Northing: 3540985.04

Radius: 4000

* UTM location was derived from PLSS - see Help

The data is furnished by the NMOSE/ISC and is accepted by the recipient with the expressed understanding that the OSE/ISC make no warranties, expressed or implied, concerning the accuracy, completeness, reliability, usability, or suitability for any particular purpose of the data.



WELL RECORD & LOG

OFFICE OF THE STATE ENGINEER

www.ose.state.nm.us

STATE ENGINEER OFFICE
ROSWELL, NEW MEXICO

RECEIVED
MAY 30 2017
STATE ENGINEER OFFICE
LAS CRUCES, NM

2017 JUN -5 PM 1:46

1. GENERAL AND WELL LOCATION	OSE POD NUMBER (WELL NUMBER) #2		STATE ENGINEER OFFICE LAS CRUCES, NM		OSE FILE NUMBER(S) C-4022	
	WELL OWNER NAME(S) Mosaic Potash - Carlsbad Inc.				PHONE (OPTIONAL) 575-628-6279	
	WELL OWNER MAILING ADDRESS P.O. Box 71				CITY Carlsbad	STATE NM
					ZIP 88221	
WELL LOCATION (FROM GPS)		DEGREES LATITUDE 32	MINUTES 5'	SECONDS 13.6	* ACCURACY REQUIRED: ONE TENTH OF A SECOND	
		LONGITUDE 104	4'	31.4	* DATUM REQUIRED: WGS 84	
DESCRIPTION RELATING WELL LOCATION TO STREET ADDRESS AND COMMON LANDMARKS - PLSS (SECTION, TOWNSHIP, RANGE) WHERE AVAILABLE US 285 - 6.5 miles N of state line						

2. DRILLING & CASING INFORMATION	LICENSE NUMBER WD-1184	NAME OF LICENSED DRILLER Ronny Keith			NAME OF WELL DRILLING COMPANY Well West Texas Water Service			
	DRILLING STARTED 5-8-17	DRILLING ENDED 5-12-17	DEPTH OF COMPLETED WELL (FT) 250	BORE HOLE DEPTH (FT) 250	DEPTH WATER FIRST ENCOUNTERED (FT) 145			
	COMPLETED WELL IS:		ARTESIAN	DRY HOLE	<u>SHALLOW (UNCONFINED)</u>		STATIC WATER LEVEL IN COMPLETED WELL (FT) 20	
	DRILLING FLUID:		AIR	<u>MUD</u>	ADDITIVES - SPECIFY: Baroid Quik-gel			
	DRILLING METHOD:		<u>ROTARY</u>	HAMMER	CABLE TOOL	OTHER - SPECIFY:		
	DEPTH (feet bgl)		BORE HOLE DIAM (inches)	CASING MATERIAL AND/OR GRADE (include each casing string, and note sections of screen)	CASING CONNECTION TYPE	CASING INSIDE DIAM. (inches)	CASING WALL THICKNESS (inches)	SLOT SIZE (inches)
	FROM	TO						
	0	15	24	20" J-55 steel	NA	19.125	.250	
	0	130	17.5	12.75" A-53	welded	12.25	.250	
	130	250	17.5	12.75 A-53	welded	12.25	.250	.125

3. ANNULAR MATERIAL	DEPTH (feet bgl)		BORE HOLE DIAM. (inches)	LIST ANNULAR SEAL MATERIAL AND GRAVEL PACK SIZE-RANGE BY INTERVAL	AMOUNT (cubic feet)	METHOD OF PLACEMENT
	FROM	TO				
	0	15	24	Portland	15	tremmie
	0	20	17.5	portland	16	tremmie
20	250	17.5	3/8" grade 5 washed gravel	180	poured	

FOR OSE INTERNAL USE		WR-20 WELL RECORD & LOG (Version 10/29/15)	
FILE NUMBER C-4022	POD NUMBER 2	TRN NUMBER 603470	
LOCATION 265.28E.27.222			PAGE 1 OF 2

RECEIVED
MAY 30 2017

STATE ENGINEER OFFICE
LAS CRUCES, NM

	DEPTH (feet bgl)		THICKNESS (feet)	COLOR AND TYPE OF MATERIAL ENCOUNTERED - INCLUDE WATER-BEARING CAVITIES OR FRACTURE ZONES (attach supplemental sheets to fully describe all units)	WATER BEARING? (YES / NO)		ESTIMATED YIELD FOR WATER-BEARING ZONES (gpm)
	FROM	TO			Y	N	
4. HYDROGEOLOGIC LOG OF WELL	0	20	20	Grey shale & gravel	Y	<input checked="" type="checkbox"/>	
	20	30	10	Tan sand & gravel	Y	<input checked="" type="checkbox"/>	
	30	40	10	Red clay	Y	<input checked="" type="checkbox"/>	
	40	60	20	Tan sand & gravel	Y	<input checked="" type="checkbox"/>	
	60	70	10	Tan sand	Y	<input checked="" type="checkbox"/>	
	70	90	20	Yellow & red shale	Y	<input checked="" type="checkbox"/>	
	90	100	10	Tan sandy clay	Y	<input checked="" type="checkbox"/>	
	100	120	20	Tan sand & shale	Y	<input checked="" type="checkbox"/>	
	120	130	10	Clay w/ tan sand streaks	Y	<input checked="" type="checkbox"/>	
	130	140	10	Tan sand w/ gravel	Y	<input checked="" type="checkbox"/>	
	140	150	10	Shale w/ small gravel & sand	Y	<input checked="" type="checkbox"/>	
	150	160	10	Tan shale w/ sandy gravel	<input checked="" type="checkbox"/>	N	20
	160	180	20	Gravel	<input checked="" type="checkbox"/>	N	20
	180	190	10	Tan sand & gravel	<input checked="" type="checkbox"/>	N	20
	190	210	20	Yellow gypsum & limestone	Y	<input checked="" type="checkbox"/>	
210	220	10	Grey limestone	Y	<input checked="" type="checkbox"/>		
220	230	10	White Clay & limestone	Y	<input checked="" type="checkbox"/>		
230	250	20	Limestone & gypsum	Y	<input checked="" type="checkbox"/>		
				Y	N		
				Y	N		
				Y	N		
METHOD USED TO ESTIMATE YIELD OF WATER-BEARING STRATA:					TOTAL ESTIMATED WELL YIELD (gpm)		
<input type="checkbox"/> PUMP <input checked="" type="checkbox"/> AIR LIFT <input type="checkbox"/> BAILER <input type="checkbox"/> OTHER - SPECIFY:					60 0.0		
5. TEST; RIG SUPERVISION	WELL TEST TEST RESULTS - ATTACH A COPY OF DATA COLLECTED DURING WELL TESTING, INCLUDING DISCHARGE METHOD, START TIME, END TIME, AND A TABLE SHOWING DISCHARGE AND DRAWDOWN OVER THE TESTING PERIOD.						
	MISCELLANEOUS INFORMATION:						
PRINT NAME(S) OF DRILL RIG SUPERVISOR(S) THAT PROVIDED ONSITE SUPERVISION OF WELL CONSTRUCTION OTHER THAN LICENSEE: <i>Russell Southwell</i>							
6. SIGNATURE	THE UNDERSIGNED HEREBY CERTIFIES THAT, TO THE BEST OF HIS OR HER KNOWLEDGE AND BELIEF, THE FOREGOING IS A TRUE AND CORRECT RECORD OF THE ABOVE DESCRIBED HOLE AND THAT HE OR SHE WILL FILE THIS WELL RECORD WITH THE STATE ENGINEER AND THE PERMIT HOLDER WITHIN 20 DAYS AFTER COMPLETION OF WELL DRILLING:						
	<i>Richard Ashley</i>			<i>Richard Ashley</i>		<i>5-15-17</i>	
SIGNATURE OF DRILLER / PRINT SIGNED NAME					DATE		

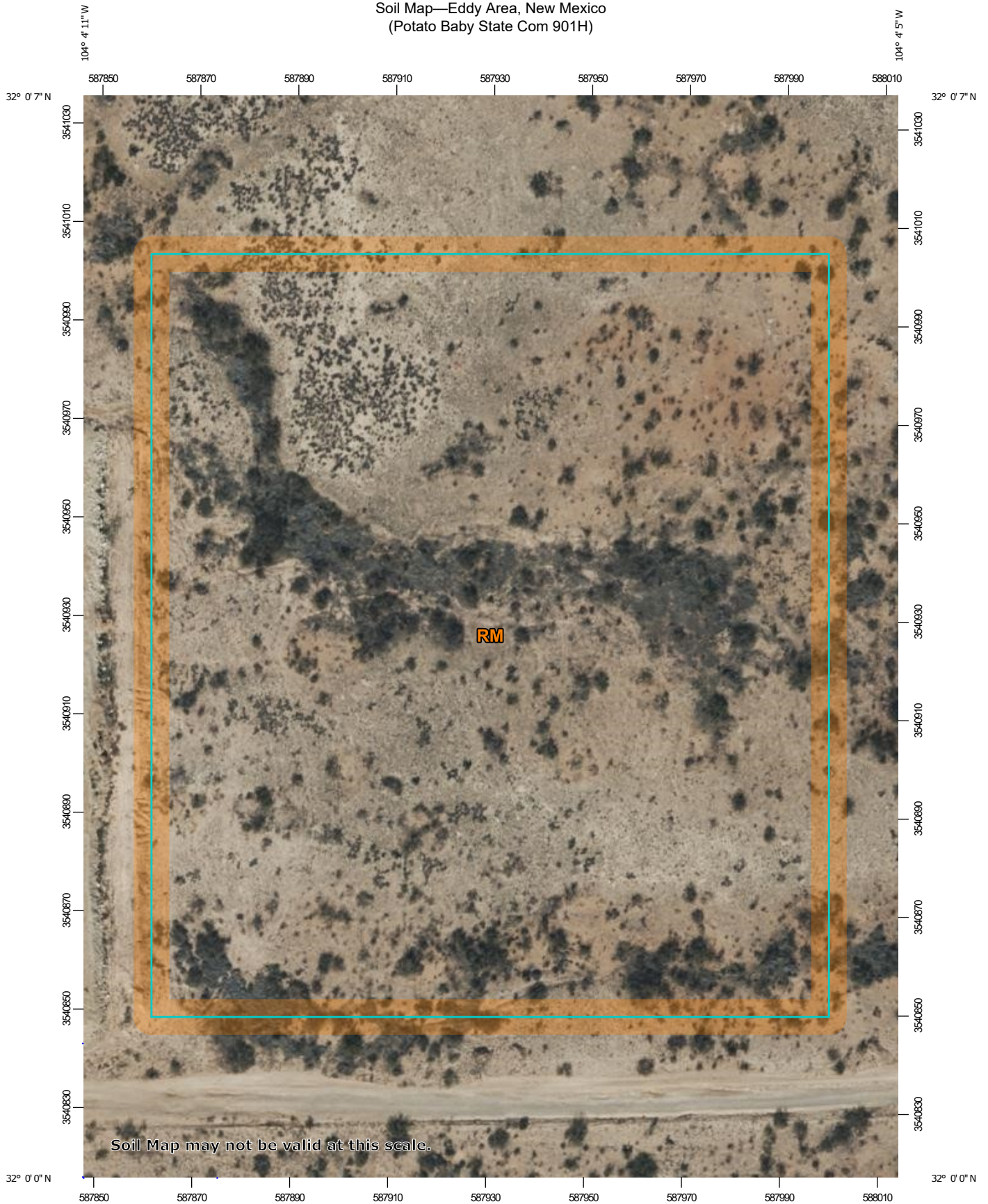
STATE ENGINEER OFFICE
LAS CRUCES, NEW MEXICO
MAY 15 2017 5 PM 1:46

FOR USE INTERNAL USE		WR-20 WELL RECORD & LOG (Version 10/29/2015)	
FILE NUMBER	<i>C-4022</i>	POD NUMBER	<i>2</i>
LOCATION	<i>265.28E.27.222</i>		TRN NUMBER <i>603470</i>
			PAGE 2 OF 2

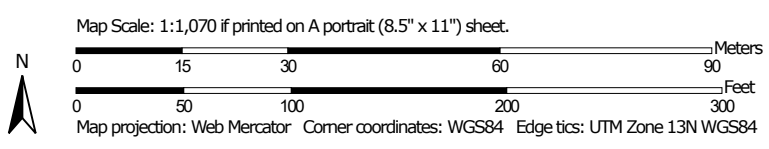
Attachment B

Site Characterization Documentation

Soil Map—Eddy Area, New Mexico
(Potato Baby State Com 901H)




Soil Map may not be valid at this scale.



Soil Map—Eddy Area, New Mexico
(Potato Baby State Com 901H)

MAP LEGEND

Area of Interest (AOI)

 Area of Interest (AOI)

Soils

 Soil Map Unit Polygons

 Soil Map Unit Lines

 Soil Map Unit Points

Special Point Features



Blowout



Borrow Pit



Clay Spot



Closed Depression



Gravel Pit



Gravelly Spot



Landfill



Lava Flow



Marsh or swamp



Mine or Quarry



Miscellaneous Water



Perennial Water



Rock Outcrop



Saline Spot



Sandy Spot



Severely Eroded Spot



Sinkhole



Slide or Slip



Sodic Spot



Spoil Area



Stony Spot



Very Stony Spot



Wet Spot



Other



Special Line Features

Water Features



Streams and Canals

Transportation



Rails



Interstate Highways



US Routes



Major Roads



Local Roads

Background



Aerial Photography

MAP INFORMATION

The soil surveys that comprise your AOI were mapped at 1:20,000.

Warning: Soil Map may not be valid at this scale.

Enlargement of maps beyond the scale of mapping can cause misunderstanding of the detail of mapping and accuracy of soil line placement. The maps do not show the small areas of contrasting soils that could have been shown at a more detailed scale.

Please rely on the bar scale on each map sheet for map measurements.

Source of Map: Natural Resources Conservation Service
Web Soil Survey URL:
Coordinate System: Web Mercator (EPSG:3857)

Maps from the Web Soil Survey are based on the Web Mercator projection, which preserves direction and shape but distorts distance and area. A projection that preserves area, such as the Albers equal-area conic projection, should be used if more accurate calculations of distance or area are required.

This product is generated from the USDA-NRCS certified data as of the version date(s) listed below.

Soil Survey Area: Eddy Area, New Mexico
Survey Area Data: Version 21, Sep 9, 2025

Soil map units are labeled (as space allows) for map scales 1:50,000 or larger.

Date(s) aerial images were photographed: Nov 12, 2022—Dec 2, 2022

The orthophoto or other base map on which the soil lines were compiled and digitized probably differs from the background imagery displayed on these maps. As a result, some minor shifting of map unit boundaries may be evident.

Map Unit Legend

Map Unit Symbol	Map Unit Name	Acres in AOI	Percent of AOI
RM	Reeves-Reagan loams, 0 to 3 percent slopes	5.3	100.0%
Totals for Area of Interest		5.3	100.0%

Eddy Area, New Mexico

RM—Reeves-Reagan loams, 0 to 3 percent slopes

Map Unit Setting

National map unit symbol: 1w5g

Landscape: Uplands

Elevation: 1,100 to 4,400 feet

Mean annual precipitation: 7 to 25 inches

Mean annual air temperature: 57 to 70 degrees F

Frost-free period: 200 to 240 days

Farmland classification: Not prime farmland

Map Unit Composition

Reeves and similar soils: 50 percent

Reagan and similar soils: 35 percent

Minor components: 15 percent

Estimates are based on observations, descriptions, and transects of the mapunit.

Description of Reeves

Setting

Landscape: Uplands

Landform: Gypsum hills, Gypsum plains, Gypsum ridges

Landform position (two-dimensional): Shoulder, backslope, footslope, toeslope

Landform position (three-dimensional): Side slope, head slope, nose slope, crest

Down-slope shape: Convex

Across-slope shape: Linear

Parent material: Residuum weathered from gypsum

Typical profile

H1 - 0 to 8 inches: loam

H2 - 8 to 32 inches: clay loam

H3 - 32 to 60 inches: gypsiferous material

Properties and qualities

Slope: 0 to 1 percent

Depth to restrictive feature: More than 80 inches

Drainage class: Well drained

Runoff class: Low

Capacity of the most limiting layer to transmit water (Ksat): Very low to moderately low (0.00 to 0.06 in/hr)

Depth to water table: More than 80 inches

Frequency of flooding: None

Frequency of ponding: None

Calcium carbonate, maximum content: 25 percent

Gypsum, maximum content: 80 percent

Maximum salinity: Very slightly saline to moderately saline (2.0 to 8.0 mmhos/cm)

Sodium adsorption ratio, maximum: 4.0
Available water supply, 0 to 60 inches: Low (about 4.3 inches)

Interpretive groups

Land capability classification (irrigated): 3s
Land capability classification (nonirrigated): 7s
Hydrologic Soil Group: B
Ecological site: R070BC007NM - Loamy
Hydric soil rating: No

Description of Reagan

Setting

Landscape: Uplands
Landform: Alluvial fans, Fan remnants
Landform position (three-dimensional): Rise
Down-slope shape: Linear, convex
Across-slope shape: Linear
Parent material: Alluvium and/or eolian deposits

Typical profile

H1 - 0 to 8 inches: loam
H2 - 8 to 30 inches: loam
H3 - 30 to 82 inches: clay loam

Properties and qualities

Slope: 0 to 3 percent
Depth to restrictive feature: More than 80 inches
Drainage class: Well drained
Runoff class: High
Capacity of the most limiting layer to transmit water (Ksat):
 Moderately high to high (0.60 to 2.00 in/hr)
Depth to water table: More than 80 inches
Frequency of flooding: None
Frequency of ponding: None
Calcium carbonate, maximum content: 50 percent
Maximum salinity: Very slightly saline to moderately saline (2.0 to 8.0 mmhos/cm)
Sodium adsorption ratio, maximum: 15.0
Available water supply, 0 to 60 inches: Moderate (about 8.2 inches)

Interpretive groups

Land capability classification (irrigated): 2e
Land capability classification (nonirrigated): 6e
Hydrologic Soil Group: B
Ecological site: R070BC007NM - Loamy
Hydric soil rating: No

Minor Components

Cottonwood

Percent of map unit: 5 percent
Ecological site: R070BB006NM - Gyp Upland

Map Unit Description: Reeves-Reagan loams, 0 to 3 percent slopes---Eddy Area, New Mexico

Potato Baby State Com 901H

Hydric soil rating: No

Gypsum land

Percent of map unit: 5 percent

Hydric soil rating: No

Upton

Percent of map unit: 5 percent

Ecological site: R070BC025NM - Shallow

Hydric soil rating: No

Data Source Information

Soil Survey Area: Eddy Area, New Mexico

Survey Area Data: Version 21, Sep 9, 2025

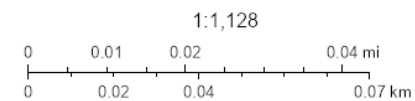
Potato Baby State Com 901H



2/6/2026, 11:28:58 AM

Karst Occurrence Potential

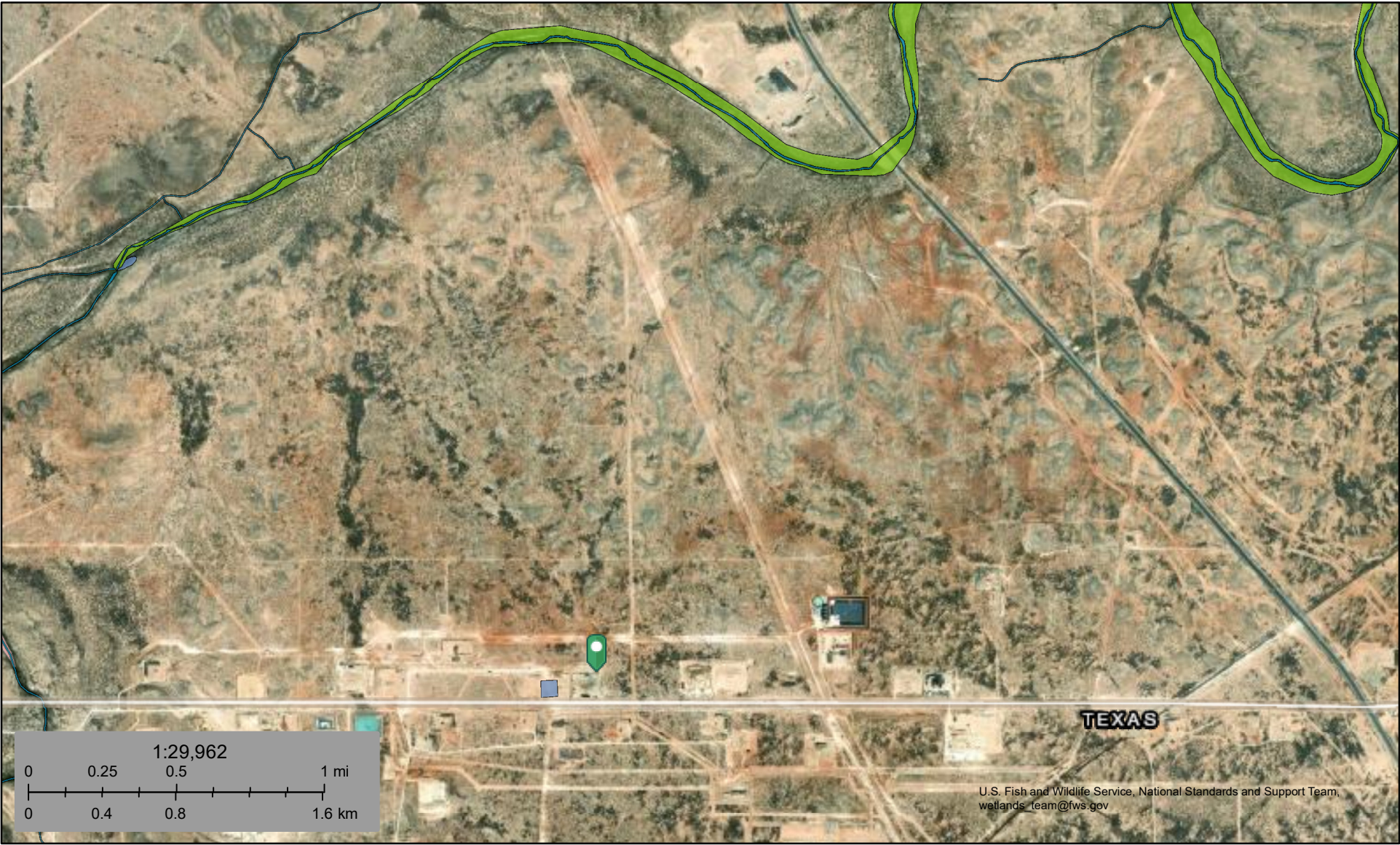
- High
- Medium



BLM, OCD, New Mexico Tech, Microsoft, Vantor, Esri, HERE, Garmin, IPC



Potato Baby State Com 901H



February 6, 2026

Wetlands

- Estuarine and Marine Deepwater
- Freshwater Emergent Wetland
- Freshwater Forested/Shrub Wetland
- Freshwater Pond
- Lake
- Other
- Riverine

This map is for general reference only. The US Fish and Wildlife Service is not responsible for the accuracy or currentness of the base data shown on this map. All wetlands related data should be used in accordance with the layer metadata found on the Wetlands Mapper web site.

National Flood Hazard Layer FIRMette



104°4'27"W 32°0'21"N



Legend

SEE FIS REPORT FOR DETAILED LEGEND AND INDEX MAP FOR FIRM PANEL LAYOUT

- SPECIAL FLOOD HAZARD AREAS**
 - Without Base Flood Elevation (BFE) Zone A, V, A99
 - With BFE or Depth Zone AE, AO, AH, VE, AR
 - Regulatory Floodway
- OTHER AREAS OF FLOOD HAZARD**
 - 0.2% Annual Chance Flood Hazard, Areas of 1% annual chance flood with average depth less than one foot or with drainage areas of less than one square mile Zone X
 - Future Conditions 1% Annual Chance Flood Hazard Zone X
 - Area with Reduced Flood Risk due to Levee. See Notes. Zone X
 - Area with Flood Risk due to Levee Zone D
- OTHER AREAS**
 - NO SCREEN Area of Minimal Flood Hazard Zone X
 - Effective LOMRs
 - Area of Undetermined Flood Hazard Zone D
- GENERAL STRUCTURES**
 - Channel, Culvert, or Storm Sewer
 - Levee, Dike, or Floodwall
- OTHER FEATURES**
 - Cross Sections with 1% Annual Chance Water Surface Elevation
 - Coastal Transect
 - Base Flood Elevation Line (BFE)
 - Limit of Study
 - Jurisdiction Boundary
 - Coastal Transect Baseline
 - Profile Baseline
 - Hydrographic Feature
- MAP PANELS**
 - Digital Data Available
 - No Digital Data Available
 - Unmapped



The pin displayed on the map is an approximate point selected by the user and does not represent an authoritative property location.

This map complies with FEMA's standards for the use of digital flood maps if it is not void as described below. The basemap shown complies with FEMA's basemap accuracy standards

The flood hazard information is derived directly from the authoritative NFHL web services provided by FEMA. This map was exported on 2/6/2026 at 5:31 PM and does not reflect changes or amendments subsequent to this date and time. The NFHL and effective information may change or become superseded by new data over time.

This map image is void if the one or more of the following map elements do not appear: basemap imagery, flood zone labels, legend, scale bar, map creation date, community identifiers, FIRM panel number, and FIRM effective date. Map images for unmapped and unmodernized areas cannot be used for regulatory purposes.

Released to Imaging: 2/25/2026 10:34:59 AM

Attachment C

Photographic Documentation

COG Operating, LLC
Potato Baby State Com 901H
Incident No. naPP2534556378
Eddy County, New Mexico



Photo 1 View of containment towards east.



Photo 2 View of northwest corner of containment.



Photo 3 View of northeast corner of containment.



Photo 4 View of southeast corner of containment.

Sante Fe Main Office
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Energy, Minerals and Natural Resources
Oil Conservation Division
1220 S. St Francis Dr.
Santa Fe, NM 87505

QUESTIONS

Action 556610

QUESTIONS

Operator: COG OPERATING LLC 600 W Illinois Ave Midland, TX 79701	OGRID: 229137
	Action Number: 556610
	Action Type: [C-141] Remediation Closure Request C-141 (C-141-v-Closure)

QUESTIONS

Prerequisites	
Incident ID (n#)	nAPP2534556378
Incident Name	NAPP2534556378 POTATO BABY STATE COM 901H @ 30-015-49967
Incident Type	Produced Water Release
Incident Status	Remediation Closure Report Received
Incident Well	[30-015-49967] POTATO BABY STATE COM #901H

Location of Release Source	
<i>Please answer all the questions in this group.</i>	
Site Name	Potato Baby State Com 901H
Date Release Discovered	11/17/2025
Surface Owner	State

Incident Details	
<i>Please answer all the questions in this group.</i>	
Incident Type	Produced Water Release
Did this release result in a fire or is the result of a fire	No
Did this release result in any injuries	No
Has this release reached or does it have a reasonable probability of reaching a watercourse	No
Has this release endangered or does it have a reasonable probability of endangering public health	No
Has this release substantially damaged or will it substantially damage property or the environment	No
Is this release of a volume that is or may with reasonable probability be detrimental to fresh water	No

Nature and Volume of Release	
<i>Material(s) released, please answer all that apply below. Any calculations or specific justifications for the volumes provided should be attached to the follow-up C-141 submission.</i>	
Crude Oil Released (bbls) Details	Not answered.
Produced Water Released (bbls) Details	Cause: Other Other (Specify) Produced Water Released: 107 BBL Recovered: 106 BBL Lost: 1 BBL.
Is the concentration of chloride in the produced water >10,000 mg/l	Yes
Condensate Released (bbls) Details	Not answered.
Natural Gas Vented (Mcf) Details	Not answered.
Natural Gas Flared (Mcf) Details	Not answered.
Other Released Details	Not answered.
Are there additional details for the questions above (i.e. any answer containing Other, Specify, Unknown, and/or Fire, or any negative lost amounts)	Not answered.

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QUESTIONS, Page 2

Action 556610

QUESTIONS (continued)

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QUESTIONS

Nature and Volume of Release (continued)	
Is this a gas only submission (i.e. only significant Mcf values reported)	No, according to supplied volumes this does not appear to be a "gas only" report.
Was this a major release as defined by Subsection A of 19.15.29.7 NMAC	Yes
Reasons why this would be considered a submission for a notification of a major release	From paragraph A. "Major release" determine using: (1) an unauthorized release of a volume, excluding gases, of 25 barrels or more.

With the implementation of the 19.15.27 NMAC (05/25/2021), venting and/or flaring of natural gas (i.e. gas only) are to be submitted on the C-129 form.

Initial Response

The responsible party must undertake the following actions immediately unless they could create a safety hazard that would result in injury.

The source of the release has been stopped	True
The impacted area has been secured to protect human health and the environment	True
Released materials have been contained via the use of berms or dikes, absorbent pads, or other containment devices	True
All free liquids and recoverable materials have been removed and managed appropriately	True
If all the actions described above have not been undertaken, explain why	NA

Per Paragraph (4) of Subsection B of 19.15.29.8 NMAC the responsible party may commence remediation immediately after discovery of a release. If remediation has begun, please prepare and attach a narrative of actions to date in the follow-up C-141 submission. If remedial efforts have been successfully completed or if the release occurred within a lined containment area (see Subparagraph (a) of Paragraph (5) of Subsection A of 19.15.29.11 NMAC), please prepare and attach all information needed for closure evaluation in the follow-up C-141 submission.

I hereby certify that the information given above is true and complete to the best of my knowledge and understand that pursuant to OCD rules and regulations all operators are required to report and/or file certain release notifications and perform corrective actions for releases which may endanger public health or the environment. The acceptance of a C-141 report by the OCD does not relieve the operator of liability should their operations have failed to adequately investigate and remediate contamination that pose a threat to groundwater, surface water, human health or the environment. In addition, OCD acceptance of a C-141 report does not relieve the operator of responsibility for compliance with any other federal, state, or local laws and/or regulations.

I hereby agree and sign off to the above statement	Name: Jacqui Harris Title: Sr Environment Engineer Email: jacqui.harris@conocophillips.com Date: 02/23/2026
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QUESTIONS, Page 3

Action 556610

QUESTIONS (continued)

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QUESTIONS

Site Characterization
Please answer all the questions in this group (only required when seeking remediation plan approval and beyond). This information must be provided to the appropriate district office no later than 90 days after the release discovery date.

What is the shallowest depth to groundwater beneath the area affected by the release in feet below ground surface (ft bgs)	Between 100 and 500 (ft.)
What method was used to determine the depth to ground water	NM OSE iWaters Database Search
Did this release impact groundwater or surface water	No
What is the minimum distance, between the closest lateral extents of the release and the following surface areas:	
A continuously flowing watercourse or any other significant watercourse	Between 1 and 5 (mi.)
Any lakebed, sinkhole, or playa lake (measured from the ordinary high-water mark)	Between 1 and 5 (mi.)
An occupied permanent residence, school, hospital, institution, or church	Greater than 5 (mi.)
A spring or a private domestic fresh water well used by less than five households for domestic or stock watering purposes	Between 1 and 5 (mi.)
Any other fresh water well or spring	Between 1 and 5 (mi.)
Incorporated municipal boundaries or a defined municipal fresh water well field	Greater than 5 (mi.)
A wetland	Between 1 and 5 (mi.)
A subsurface mine	Greater than 5 (mi.)
An (non-karst) unstable area	Greater than 5 (mi.)
Categorize the risk of this well / site being in a karst geology	High
A 100-year floodplain	Between 1 and 5 (mi.)
Did the release impact areas not on an exploration, development, production, or storage site	No

Remediation Plan

Please answer all the questions that apply or are indicated. This information must be provided to the appropriate district office no later than 90 days after the release discovery date.

Requesting a remediation plan approval with this submission	Yes
<i>Attach a comprehensive report demonstrating the lateral and vertical extents of soil contamination associated with the release have been determined, pursuant to 19.15.29.11 NMAC and 19.15.29.13 NMAC.</i>	
Have the lateral and vertical extents of contamination been fully delineated	Yes
Was this release entirely contained within a lined containment area	Yes
<i>Per Subsection B of 19.15.29.11 NMAC unless the site characterization report includes completed efforts at remediation, the report must include a proposed remediation plan in accordance with 19.15.29.12 NMAC, which includes the anticipated timelines for beginning and completing the remediation.</i>	
On what estimated date will the remediation commence	11/17/2025
On what date will (or did) the final sampling or liner inspection occur	01/15/2026
On what date will (or was) the remediation complete(d)	01/14/2026
What is the estimated surface area (in square feet) that will be remediated	3850
What is the estimated volume (in cubic yards) that will be remediated	0

These estimated dates and measurements are recognized to be the best guess or calculation at the time of submission and may (be) change(d) over time as more remediation efforts are completed. The OCD recognizes that proposed remediation measures may have to be minimally adjusted in accordance with the physical realities encountered during remediation. If the responsible party has any need to significantly deviate from the remediation plan proposed, then it should consult with the division to determine if another remediation plan submission is required.

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QUESTIONS, Page 4

Action 556610

QUESTIONS (continued)

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QUESTIONS

Remediation Plan (continued)	
<i>Please answer all the questions that apply or are indicated. This information must be provided to the appropriate district office no later than 90 days after the release discovery date.</i>	
This remediation will (or is expected to) utilize the following processes to remediate / reduce contaminants:	
<i>(Select all answers below that apply.)</i>	
Is (or was) there affected material present needing to be removed	Yes
Is (or was) there a power wash of the lined containment area (to be) performed	Yes
OTHER (Non-listed remedial process)	Not answered.
<i>Per Subsection B of 19.15.29.11 NMAC unless the site characterization report includes completed efforts at remediation, the report must include a proposed remediation plan in accordance with 19.15.29.12 NMAC, which includes the anticipated timelines for beginning and completing the remediation.</i>	
I hereby certify that the information given above is true and complete to the best of my knowledge and understand that pursuant to OCD rules and regulations all operators are required to report and/or file certain release notifications and perform corrective actions for releases which may endanger public health or the environment. The acceptance of a C-141 report by the OCD does not relieve the operator of liability should their operations have failed to adequately investigate and remediate contamination that pose a threat to groundwater, surface water, human health or the environment. In addition, OCD acceptance of a C-141 report does not relieve the operator of responsibility for compliance with any other federal, state, or local laws and/or regulations.	
I hereby agree and sign off to the above statement	Name: Jacqui Harris Title: Sr Environment Engineer Email: jacqui.harris@conocophillips.com Date: 02/23/2026
<i>The OCD recognizes that proposed remediation measures may have to be minimally adjusted in accordance with the physical realities encountered during remediation. If the responsible party has any need to significantly deviate from the remediation plan proposed, then it should consult with the division to determine if another remediation plan submission is required.</i>	

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QUESTIONS, Page 6

Action 556610

QUESTIONS (continued)

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	Action Type: [C-141] Remediation Closure Request C-141 (C-141-v-Closure)

QUESTIONS

Liner Inspection Information	
Last liner inspection notification (C-141L) recorded	543430
Liner inspection date pursuant to Subparagraph (a) of Paragraph (5) of Subsection A of 19.15.29.11 NMAC	01/19/2026
Was all the impacted materials removed from the liner	Yes
What was the liner inspection surface area in square feet	3850

Remediation Closure Request	
<i>Only answer the questions in this group if seeking remediation closure for this release because all remediation steps have been completed.</i>	
Requesting a remediation closure approval with this submission	Yes
Have the lateral and vertical extents of contamination been fully delineated	Yes
Was this release entirely contained within a lined containment area	Yes
What was the total surface area (in square feet) remediated	3850
What was the total volume (cubic yards) remediated	0
Summarize any additional remediation activities not included by answers (above)	Liner Inspected

The responsible party must attach information demonstrating they have complied with all applicable closure requirements and any conditions or directives of the OCD. This demonstration should be in the form of a comprehensive report (in .pdf format) including a scaled site map, sampling diagrams, relevant field notes, photographs of any excavation prior to backfilling, laboratory data including chain of custody documents of final sampling, and a narrative of the remedial activities. Refer to 19.15.29.12 NMAC.

I hereby certify that the information given above is true and complete to the best of my knowledge and understand that pursuant to OCD rules and regulations all operators are required to report and/or file certain release notifications and perform corrective actions for releases which may endanger public health or the environment. The acceptance of a C-141 report by the OCD does not relieve the operator of liability should their operations have failed to adequately investigate and remediate contamination that pose a threat to groundwater, surface water, human health or the environment. In addition, OCD acceptance of a C-141 report does not relieve the operator of responsibility for compliance with any other federal, state, or local laws and/or regulations. The responsible party acknowledges they must substantially restore, reclaim, and re-vegetate the impacted surface area to the conditions that existed prior to the release or their final land use in accordance with 19.15.29.13 NMAC including notification to the OCD when reclamation and re-vegetation are complete.

I hereby agree and sign off to the above statement	Name: Jacqui Harris Title: Sr Environment Engineer Email: jacqui.harris@conocophillips.com Date: 02/23/2026
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CONDITIONS

Action 556610

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CONDITIONS

Created By	Condition	Condition Date
scott.rodgers	App ID 556610 Liner Inspection approved	2/25/2026